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**PCT**NOTIFICATION CONCERNING  
TRANSMITTAL OF COPY OF INTERNATIONAL  
APPLICATION AS PUBLISHED OR REPUBLISHED

To:

ZANOLI, Enrico  
Zanoli & Giavarini S.r.l.  
Viale Bianca Maria, 35  
I-20122 Milano  
ITALIEDate of mailing (day/month/year)  
03 March 2005 (03.03.2005)Applicant's or agent's file reference  
DIA00373/WO**IMPORTANT NOTICE**International application No.  
PCT/EP2004/008676International filing date (day/month/year)  
03 August 2004 (03.08.2004)Priority date (day/month/year)  
25 August 2003 (25.08.2003)

Applicant

DIAP S.R.L. et al

The International Bureau transmits herewith the following documents:

- ☒ copy of the international application as published by the International Bureau on 03 March 2005 (03.03.2005) under No. WO 2005/019330
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- For an explanation as to the reason for this republication of the international application, reference is made to INID codes (15), (48) or (88) (as the case may be) on the front page of the attached document.

**ZANOLI & GIAVARINI S.r.l.**

11 MAR. 2005

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## PATENT COOPERATION TREATY

WO 2005/019330  
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17 AUG. 2005

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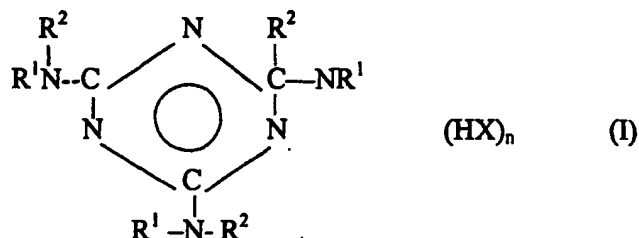
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## AMENDED CLAIMS

[received by the International Bureau on 24 May 2005 (24.05.2005);  
original claim 1 amended; remaining claims unchanged (1 page)]

1. A flame-retardant polymeric composition comprising:
- (i) a polymer;
  - (ii) a triazine or a mixture of triazines of the general formula (I);



where: -  $\text{R}^1$  and  $\text{R}^2$ , which are either the same as one another or different from one another, may be: H; a  $\text{C}_{1-6}$  alkyl group, either linear or branched, simple or substituted with chlorine or bromine; an aryl group, either simple or substituted with chlorine or bromine;

- X is chlorine or bromine;

-  $n = 0, 1, 2, 3$

- (iii) a bismuth compound of formula  $\text{Bi}_z\text{A}_w$ ;

where: A is X, O,  $\text{CO}_3$ ,  $\text{O}_2\text{CO}_3$  or any other residue capable of forming a bismuth compound;

X is a halogen as defined above;

z and w are integers fulfilling the valences of Bi and A;

- (iv) a compound selected from red phosphorus or a phosphorous compound, alone or in combination with an organic compound capable of forming free radicals,

in which:

- if  $\text{R}^1$  and  $\text{R}^2$  is H or a non-halogenated alkyl or aryl group and  $n = 0$ , then A is X;
- the maximum content of said halogen X on the total of the components from (i) to (iv) in said composition is 1 wt%.

2. The flame-retardant polymeric composition according to Claim 1, in which said triazine of formula (I) is a melamine or a mixture of melamines of formula (II), obtained from the formula (I) when  $\text{R}^1 = \text{R}^2 = \text{H}$ :